

Application No. 09/735,762
Filed: December 13, 2000
Group Art Unit: 1746

AMENDMENT TO THE SPECIFICATION

Please amend the Abstract so that it reads as follows:

B | AAn apparatus and a method of operating a dry cleaning system
is are disclosed which utilizes utilize liquid carbon dioxide as
the cleaning medium. The apparatus comprises twoTwo storage tanks
are employed in conjunction with a cleaning vessel, where one-
One of the storage tanks is employed for pressure equalization
with the cleaning vessel, while and the other storage tank is
employed for bulk solvent transfer to and from the cleaning
vessel. The apparatus also comprises a return line from the
cleaning vessel, which is routed back into the cleaning vessel
where it forms a heat exchange coil. In the method of operating
the dry cleaning system, the pressure equalization tank is used
for absorbing temperature fluctuations and for providing efficient
control of the transfer of the dry cleaning medium, using a
compressor for subsequent bulk transfer. The temperature drop
associated with pressure equalization is limited to residual
liquid solvent in the pressure equalization tank. At the
completion of substrate agitation in the cleaning vessel, liquid
solvent is transferred back into the bulk transfer tank, while
gaseous solvent is extracted into the pressure equalization tank.
The temperature of the cleaning vessel and substrates drops during
vapor recovery, while the temperature in the recovered vapor is
elevated. The return line from the cleaning vessel is routed back
into the cleaning vessel where it forms a heat exchange coil. To
raise the temperature of the residual solvent in the pressure
equalization tank, the recovered gas is introduced through the
residual solvent through a sparging tube.